

In the Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)

22. (Currently Amended) A conduit for transferring a flowable material, comprising:

a wall member at least partially enclosing an inner region, the inner region being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member including an electroluminescent coating
~~luminescent outer layer being at least one of integrally formed with the wall member and~~

46020

CUSTOMER NUMBER

- 2 -

BING-1-1020RFOA

BLACK LOWE & GRAHAM ^{PLLC}



701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

disposed on an outer surface of the wall member, the electroluminescent coating ~~luminescent outer layer~~ being adapted to emit light outwardly therefrom.

23. (Twice Amended) The conduit of Claim 22, wherein the electroluminescent coating comprises an electroluminescent paint ~~luminescent outer layer includes at least one of a phosphor substance, an ultraviolet energized substance, or an electroluminescent material.~~

24. (Canceled)

25. (Canceled)

26. (Original) The conduit of Claim 22, wherein the wall member includes a cylindrical wall member.

27. (Original) The conduit of Claim 22, wherein the wall member includes a flexible aerial refueling hose.

28. (Original) The conduit of Claim 22, wherein the wall member includes a refueling boom.

29. (Currently Amended) An apparatus for transferring a flowable material, comprising:
a tank adapted to contain a flowable material; and
a conduit operatively coupled to the tank and adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member and being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member including an electroluminescent coating ~~a luminescent outer layer being at least one of integrally formed with the wall member and~~ disposed on an outer surface of the wall member,

the electroluminescent coating ~~luminescent outer layer~~ being adapted to emit light outwardly therefrom.

30. (Twice Amended) The apparatus of Claim 29, wherein the electroluminescent coating comprises an electroluminescent paint ~~luminescent outer layer includes at least one of a phosphor substance, an ultraviolet energized substance, or an electroluminescent material.~~

31. (Canceled)

32. (Canceled)

33. (Original) The apparatus of Claim 29, wherein the conduit includes a cylindrical wall member.

34. (Original) The apparatus of Claim 29, wherein the conduit includes a flexible aerial refueling hose.

35. (Original) The apparatus of Claim 29, wherein the conduit includes a refueling boom.

36. (Original) The apparatus of Claim 29, further comprising a pump operatively coupled to the tank and to the conduit and adapted to pump the flowable material from the tank to the conduit.

37. (Original) The apparatus of Claim 29, further comprising an illumination control system operatively coupled to the plurality of optical fibers and adapted to control illumination of the plurality of optical fibers.

38. (Currently Amended) An aircraft, comprising:


46020

CUSTOMER NUMBER

- 4 -

BING-1-1020RFOA

BLACK LOWE & GRAHAM ^{PLLC}


701 Fifth Avenue, Suite 4800
Seattle, Washington 98104
206.381.3300 • F: 206.381.3301

a fuselage;

a propulsion system operatively coupled to the fuselage; and

an aerial refueling system coupled to the fuselage and including:

a tank adapted to contain a flowable material; and

a conduit operatively coupled to the tank and adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member and being adapted to receive the flowable material and to facilitate transfer of the flowable material from a first location to a second location, the wall member having an electroluminescent coating ~~a luminescent outer layer being at least one of integrally formed with the wall member and~~ disposed on an outer surface of the wall member, the electroluminescent coating ~~luminescent outer layer~~ being adapted to emit light outwardly therefrom.

39. (Twice Amended) The aircraft of Claim 38, wherein the electroluminescent coating comprises an electroluminescent paint ~~luminescent outer layer includes at least one of a phosphor substance, an ultraviolet energized substance, or an electroluminescent material.~~

40. (Canceled)

41. (Canceled)

42. (Original) The aircraft of Claim 38, wherein the conduit includes a cylindrical wall member.

43. (Original) The aircraft of Claim 38, wherein the conduit includes a flexible aerial refueling hose.

44. (Original) The aircraft of Claim 38, wherein the conduit includes a refueling boom.

45. (Original) The aircraft of Claim 38, further comprising a pump operatively coupled to the tank and to the conduit and adapted to pump the flowable material from the tank to the conduit.

46. (Original) The aircraft of Claim 38, further comprising an illumination control system operatively coupled to the plurality of optical fibers and adapted to control illumination of the plurality of optical fibers.

47. (Currently Amended) A method of transferring a flowable material, comprising:

providing a conduit operatively coupled to a tank containing the flowable material, the conduit being adapted to receive the flowable material and to facilitate transfer of the flowable material between the tank and a second location, the conduit including a wall member having an electroluminescent coating ~~a luminescent outer layer being at least one of formed within an outer layer of the wall member and~~ disposed on an outer surface of the wall member;

illuminating the luminescent outer layer;

emitting light outwardly from the electroluminescent coating ~~luminescent outer layer~~;

and

transferring the flowable material through the conduit from the tank to the second location.

48. (Twice Amended) The method of Claim 47, wherein providing a conduit having an electroluminescent coating disposed on an outer surface of the wall member comprises providing a conduit having an electroluminescent paint disposed on an outer surface of the wall member ~~electroluminescent material~~.

49. (Canceled)

50. (Canceled)

51. (Original) The method of Claim 47, wherein providing a conduit operatively coupled to a tank includes providing a conduit operatively coupled to a refueling tank of a tanker aircraft.

52. (Original) The method of Claim 47, wherein transferring the flowable material through the conduit from the tank to the second location includes pumping the flowable material from the tank.

